

What Is Claimed Is:

1. A manual input device comprising:  
an actuator laterally movably fitted to a frame;  
a manual control knob fitted to a driving shaft of  
the actuator;  
a first position sensor which detects a direction  
and an amount of lateral movement of the actuator;  
a second position sensor which detects a direction  
and an amount of rotation of the driving shaft of the  
actuator; and  
a controller which inputs positional signals  
outputted from the first and second position sensors to  
control the actuator and applies an external force to the  
manual control knob according to the way the knob is  
manipulated.
2. The manual input device according to Claim 1,  
wherein the actuator is a rotating motor.